Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) An image reading device for reading an optical image of a plurality of components using a camera having pixels arrayed in a line, the image reading device comprising:

(a) a pixel-selecting section for accessing the pixels individually and outputting an image signal;

(b) a processing-computing section for 1) setting a plurality of image taken-in areas based on mounting data and component data, 2) outputting pixel-selecting information for selecting pixels individually from among the pixels, based on widths of the respective image-taken-in areas, and 3) setting respective start and stop timing of the image signal;

(c) a relative-moving mechanism for moving the plurality of components relative to the camera;

(d) a relative-movement detector for 1) detecting the plurality of components moving a given distance in one direction relative to the camera by comparing position information from the relative-moving mechanism with each of the respective taken-in areas to determine whether each of the components is within the taken-in area and 2) providing a movement-detecting signal; and

(e) a controller for controlling said pixel-selecting section based on the pixel-selecting information and outputting a pixel signal supplied from the pixel specified by the pixel-selecting information when said relative-movement detector receives the movement detecting signal;

wherein the widths of the image-taken-in areas correspond to movement of the plurality of components, respectively, in the one direction relative to the camera, and

the camera has a scanning width that accommodates the largest component.

2. (Cancelled).

3. (Currently Amended) The image reading device of claim 1, wherein the pixels form a line sensor having a sample-hold section, first and second shift gates, a photoelectric transfer element, and a reset-drain.

4. (Currently Amended) An image reading method for reading an optical image of a plurality of components using a camera with pixels arrayed in a line, said method comprising the steps of:

(a) setting a plurality of image-taken-in areas based on mounting data and component data;

(b) generating pixel-selecting information based on widths of respective image-taken-in areas;

(c) setting respective start and stop timing of the image signal;

(d) moving the plurality of components by a relative-moving mechanism in one direction relative to a camera;

(e) determining whether each of the components is within the respective taken-in area by comparing position information from the relative moving mechanism with each of respective taken-in-areas; and

(f) outputting an image signal from a specified pixel repeatedly based on the pixel-selecting information when each of the components moves a given distance relative to the camera when it is determined to be within the respective taken-in-area~~,~~

wherein the widths of the image-taken-in areas correspond to movement of the plurality of components, respectively, in the one direction relative to the camera, and

the camera includes a scanning width that accommodates the largest component.

5.-8. (Cancelled).